

In the Specification

Please replace the paragraph beginning on page 6 starting on line 11 with the following new and amended paragraphs:

Recognizing that multiplication is mutative, there is no difference whether quadrature shifting is performed on either input of mixers 115a, b.

Since Figure 1 shows the signal 125 is phase-shifted by 90 degrees relative to the input signal 106, the signal 125 may be represented as: